

Figure 1

| | | M P A H S L V M S | |
|------|--|---------------------------------------|------|
| 3 | atcacacccacagttgagctg | cgctggccagagatgcctgcccacagcctggatgagc | 62 |
| | S P A L P A F L L C S T L L V I K M Y V | | |
| 63 | agcccggccctcccggccttcctgctctgcagcacgctgctggcatcaagatgtacgtg | | 122 |
| | V A I I T G Q V R L R K K A F A N P E D | | |
| 123 | gtggccatcatcacgggccaagtgaggctgcggaagaaggcctttgccaaaccccgaggat | | 182 |
| | A L R H G G P Q Y C R S D P D V E R C L | | |
| 183 | gccctgagacacggaggccccagcattgcaggagcgaccccgacgtggaacgctgcctc | | 242 |
| | R A H R N D M E T I Y P F L F L G F V Y | | |
| 243 | agggcccaccggaacgacatggagaccatctacccttccttttcctgggcttcgtctac | | 302 |
| | S F L G P N P F V A W M H F L V F L V G | | |
| 303 | tcctttctgggtcctaacccttttgctgcctggatgcacttcctggcttcctcgtgggc | | 362 |
| | R V A H T V A Y L G K L R A P I R S V T | | |
| 363 | cgtgtggcacacaccgtggcctacctggggaagctgcgggcacccatccgctccgtgacc | | 422 |
| | Y T L A Q L P C A S M A L Q I L W E A A | | |
| 423 | tacaccctggcccagctcccctgcgcctccatggctctgcagatcctctgggaagcggcc | | 482 |
| | R H L * SEQ ID NO:1809 | | |
| 483 | cgccacctgtgaccagcagctgatgcctccttggccaccagaccatgggccaagagccgc | | 542 |
| 543 | cgtggctatacctggggacttgatgttccttcagattgtgggtgggcccctgagtcctggt | | 602 |
| 603 | ttcctggcagcctgctgcgcgtgtgggtctctgggcacagtgggctgtgtgtgtgcccg | | 662 |
| 663 | tgtgtgtgtatgtgtatgtgtgtgtgtatgtttcttagcccccttggaattcctgcacgaag | | 722 |
| 723 | tggctgatgggaaccatttcaagacagattgtgaagattgatagaaaatccttcagctaa | | 782 |
| 783 | agtaacagagcatcaaaaaacatcactccctctccctccctaacagtgaaaagagagaagg | | 842 |
| 843 | gagactctattttaagattcccaaaccctaatgatcatctgaatcccgggctaagaatgcag | | 902 |
| 903 | acttttcagactgaccccagaaattctggcccagccaatctagaggcaagcctggccatc | | 962 |
| 963 | tgtatttttttttttccaagacagagtcttgctctgttgcccaagctggagtgaagtgg | | 1022 |
| 1023 | acaatctggctcactgcagcctccgcctcccgggttcaagegattctcccgctcagcct | | 1082 |
| 1083 | cctgagtagctgggattacaggcgctatcaccatacccagctaatttttgtatttttag | | 1142 |
| 1143 | tagagacgggttcacatgttgcccaggagggtctcgaaactcctggcctcaagtgatcca | | 1202 |
| 1203 | ccggcctcggcctcccaaagtgtggtgatgacaggcatgaatcactgtgctcagccacca | | 1262 |
| 1263 | tctggagtttttaaaggctcccatgtgagtcctgtgatggccaggccaggggaccctg | | 1322 |
| 1323 | ccagttctctgtggaagcaaggctggggctctgggttcctgtatgggtggaagctgggtga | | 1382 |

FIGURE 1 cont.

| | | |
|------|---|------|
| 1383 | gccaaggacagggctggctcctctgccccgctgacgcttcccttgccgttggctttgga | 1442 |
| 1443 | tgtctttgctgcagtccttctctctggctcaggtgtgggtgggaggggcccacaggaagct | 1502 |
| 1503 | cagccttctcctcccaaggtttgagtccttccaaagggcagtggtggaggaccgggagc | 1562 |
| 1563 | tttgggtgaccagccactcaaaggaactttctgggtcccttcagtatcttcaaggtttgga | 1622 |
| 1623 | aactgcaaagtgtccccttgatggggaatccgtgtgtgtgtgtgtgtgtgtgtgtgtgt | 1682 |
| 1683 | gtgtgtgtgtgtgtgttttctcctagaccgtgacctgagatgtgtgatttttagtcattaa | 1742 |
| 1743 | atggaagtgtctgccaaa | 1802 |
| 1803 | aaaaaaaaaaaaaaaaaaaaa SEQ ID NO:1808 | 1820 |